

FIG. 1.

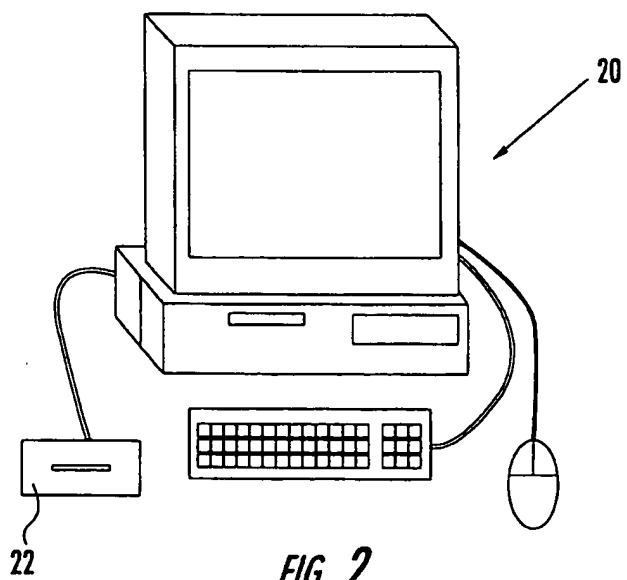
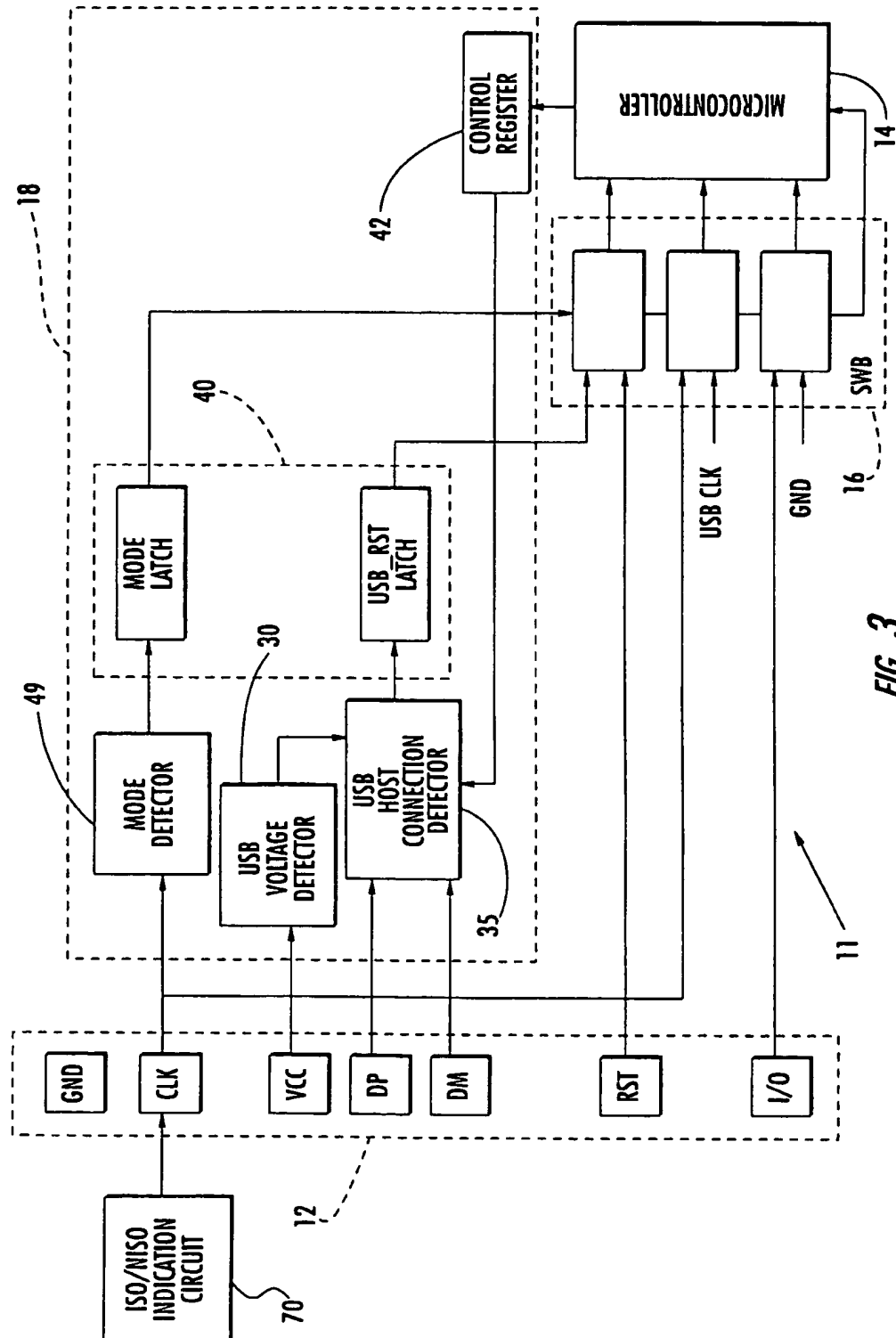


FIG. 2.



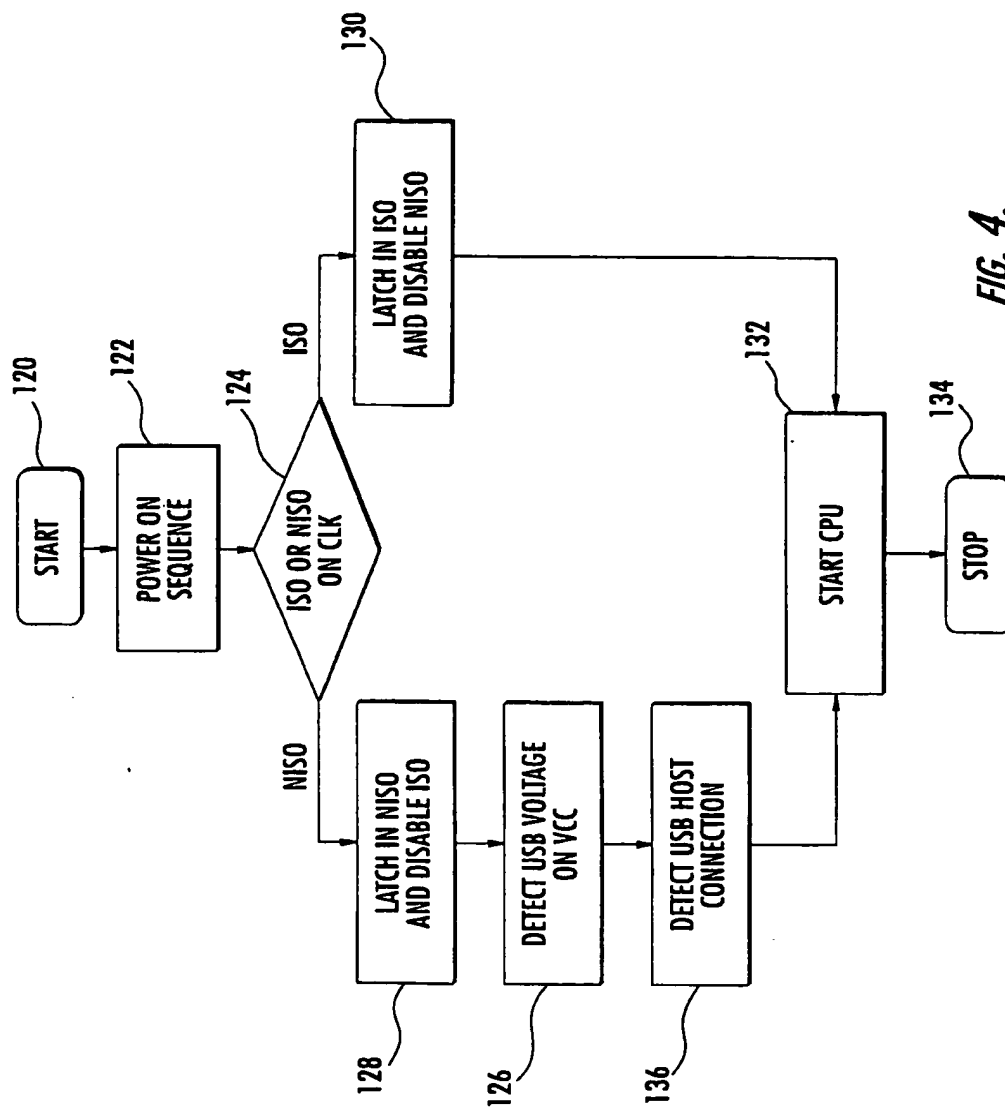


FIG. 4.

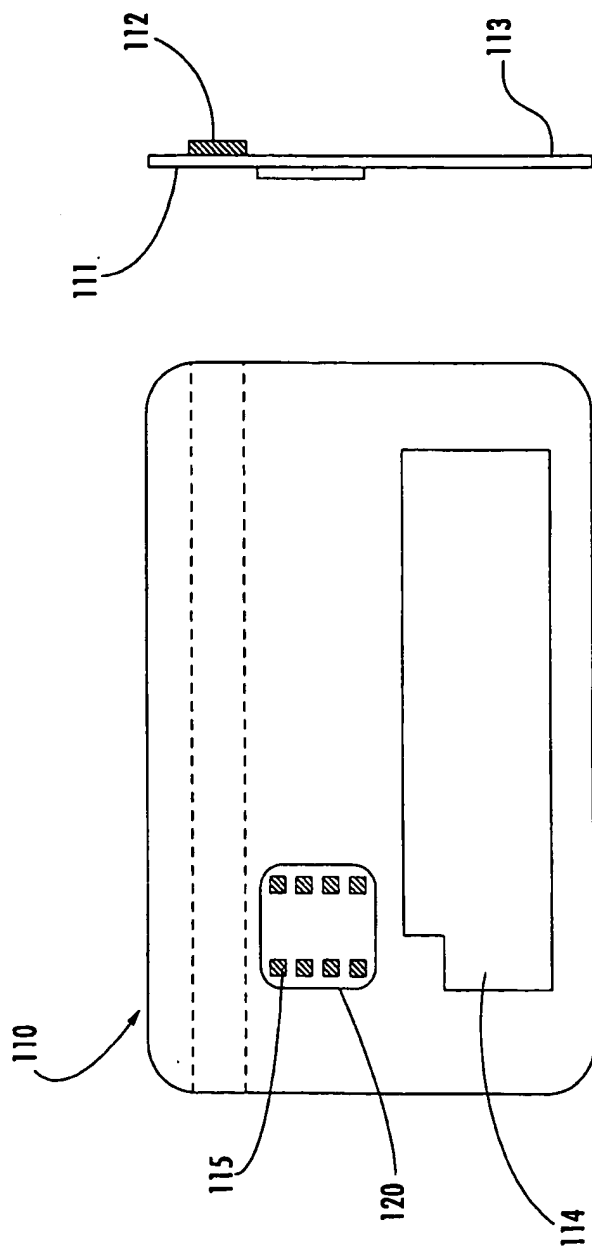


FIG. 5.

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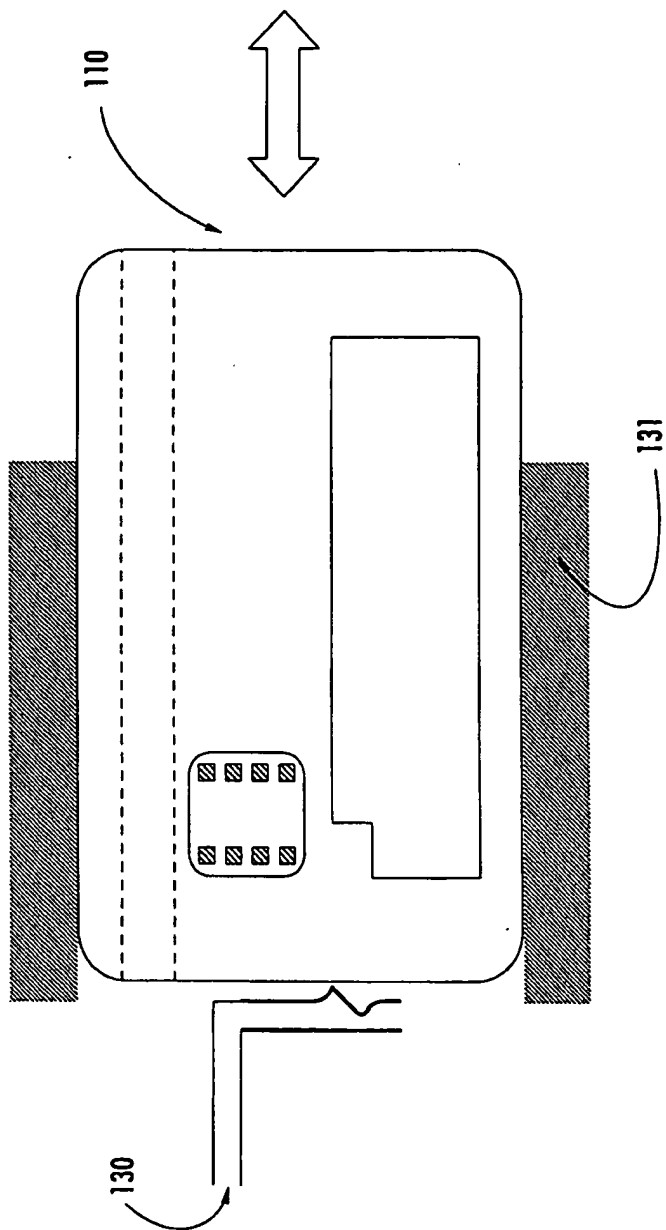


FIG. 6.

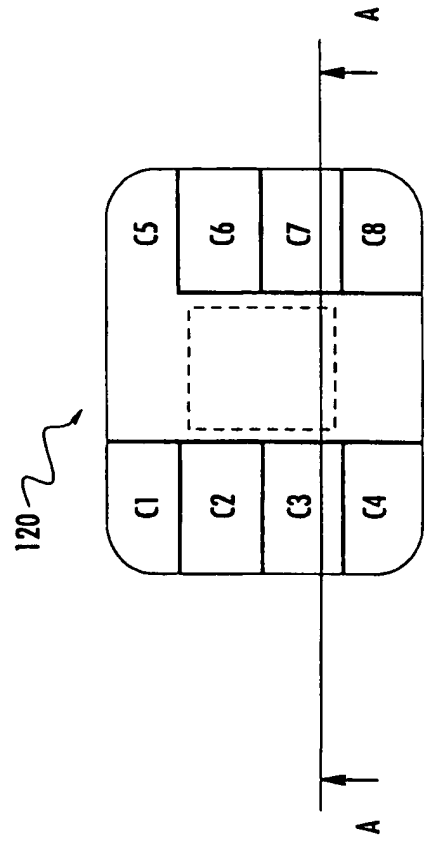


FIG. 7A.

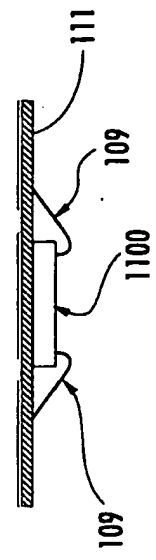
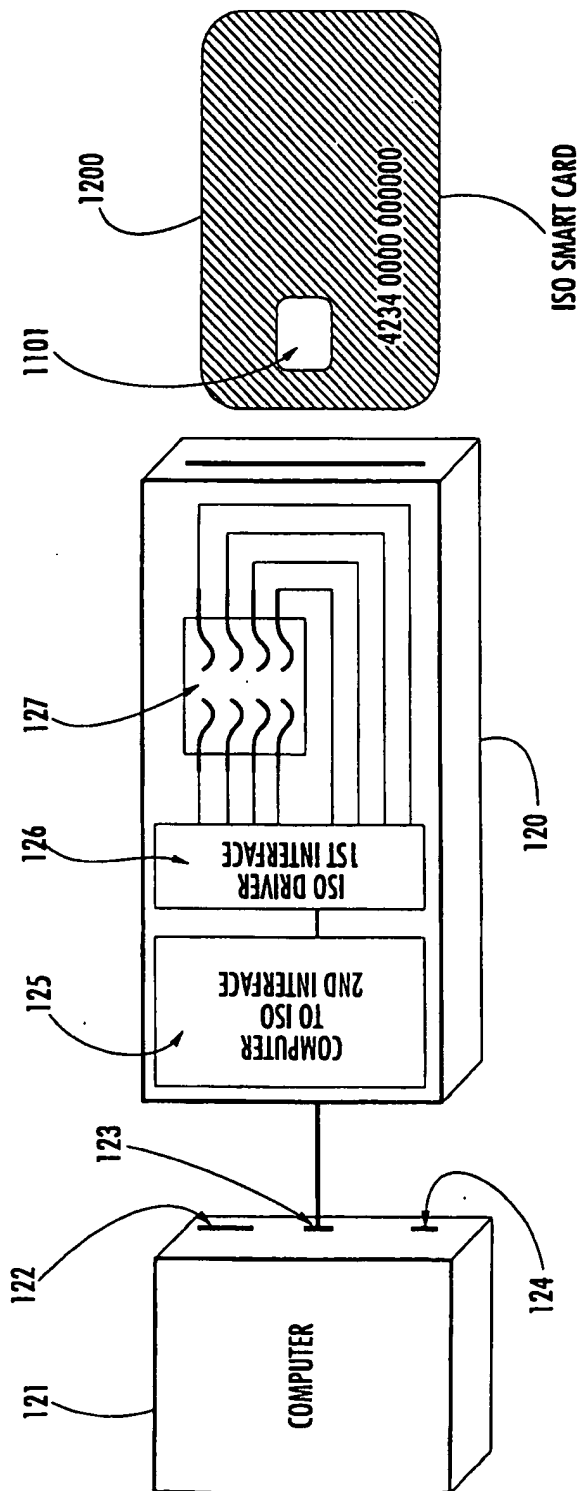


FIG. 7B.

		CONVENTIONAL APPLICATIONS				NEW APPLICATIONS			
		I1	I2	A1	A2				
C1	VCC	VCC	VCC	VCC	VCC	USC	USC	USC	USC
C2	USED	USED	USED	RST	RST	VBUS	VBUS	VBUS	VBUS
C3	USED	USED	USED	CLK	CLK	RST	RST	RST	RST
C4	USED	USED	USED	CLK	CLK	CLK	CLK	CLK	CLK
C5	GND	GND	GND	GND	GND	D+	D+	D+	D+
C6	VPP	VPP	VPP	VPP	VPP	GND	GND	GND	GND
C7	USED	USED	USED	I/O	I/O	I/O	I/O	I/O	I/O
C8	USED	USED	USED	USED	USED	D-	D-	D-	D-

ISO CONTACTS

FIG. 8.



**FIG. 9.**  
**PRIOR ART**



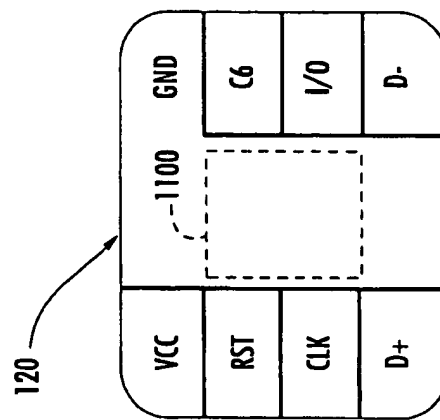


FIG. 10.

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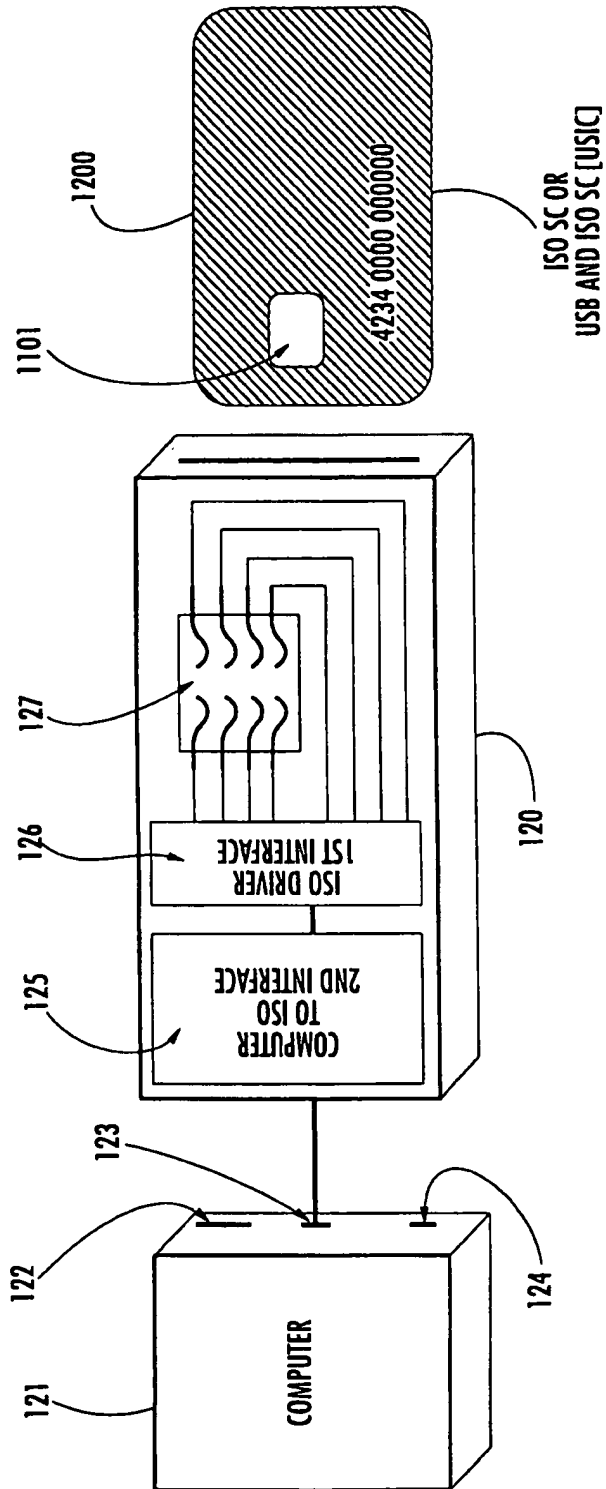
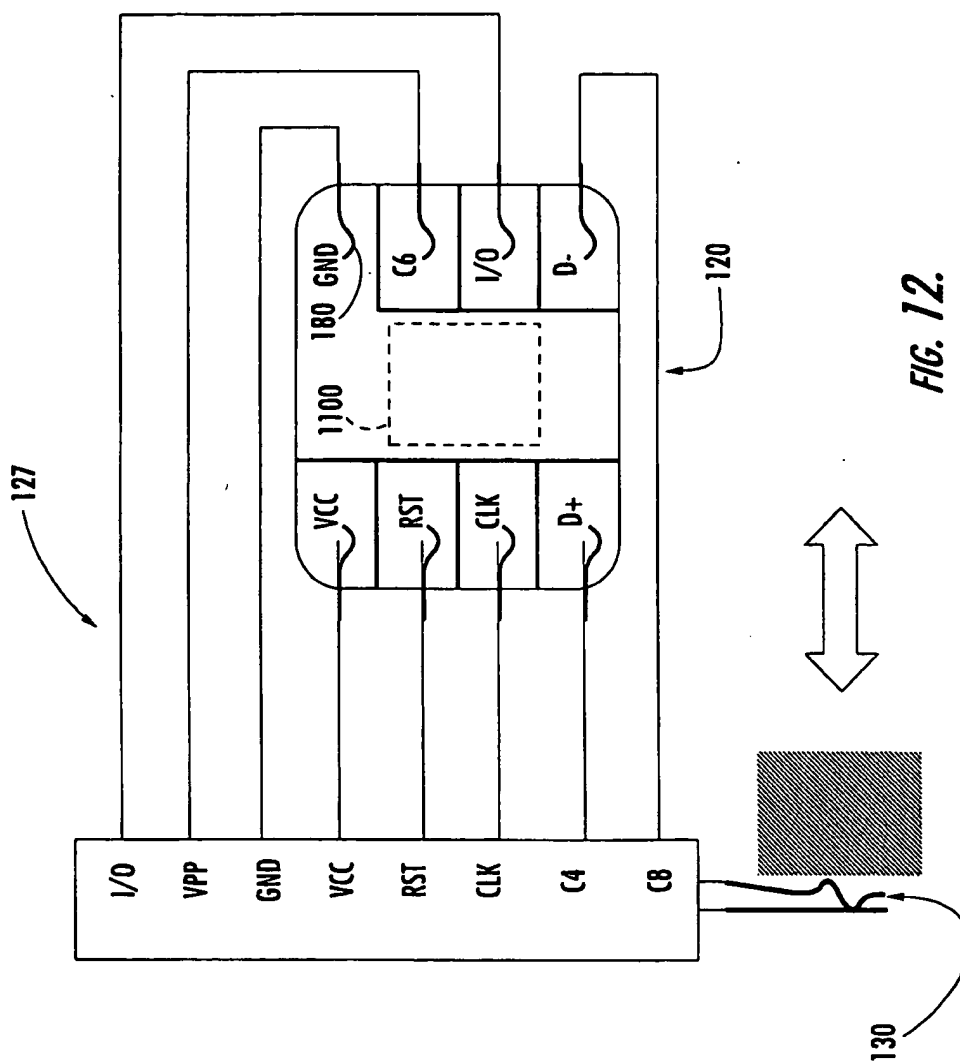


FIG. 11.



Ta: UP TO THE INTERFACE  
ta ≤ 200/F  
tb ≥ 400/F  
400/F ≤ T0 ≤ 40000/F

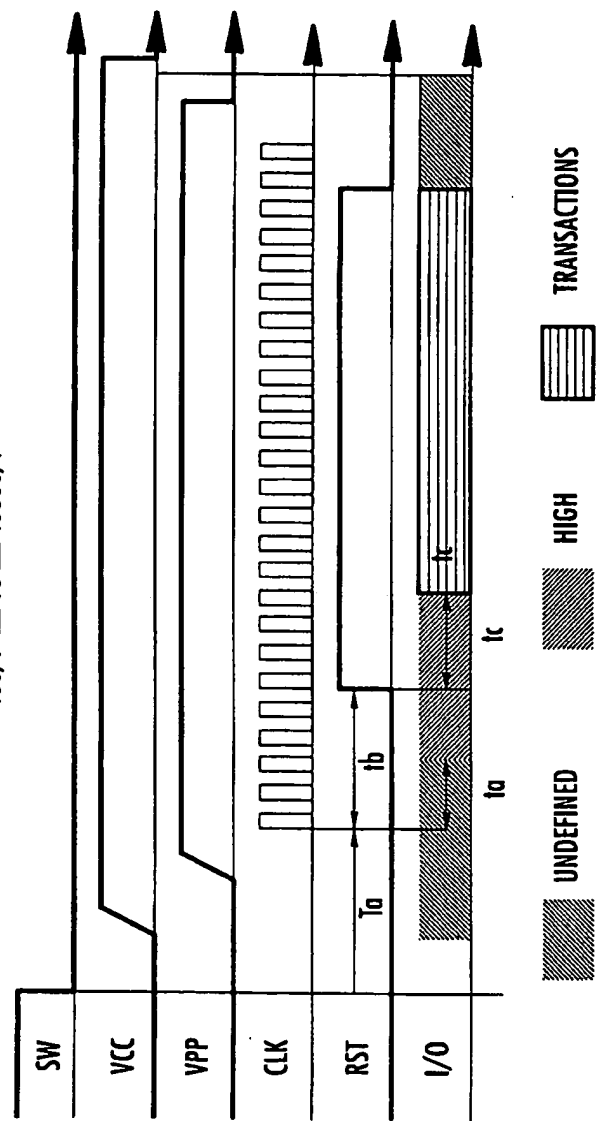


FIG. 13.

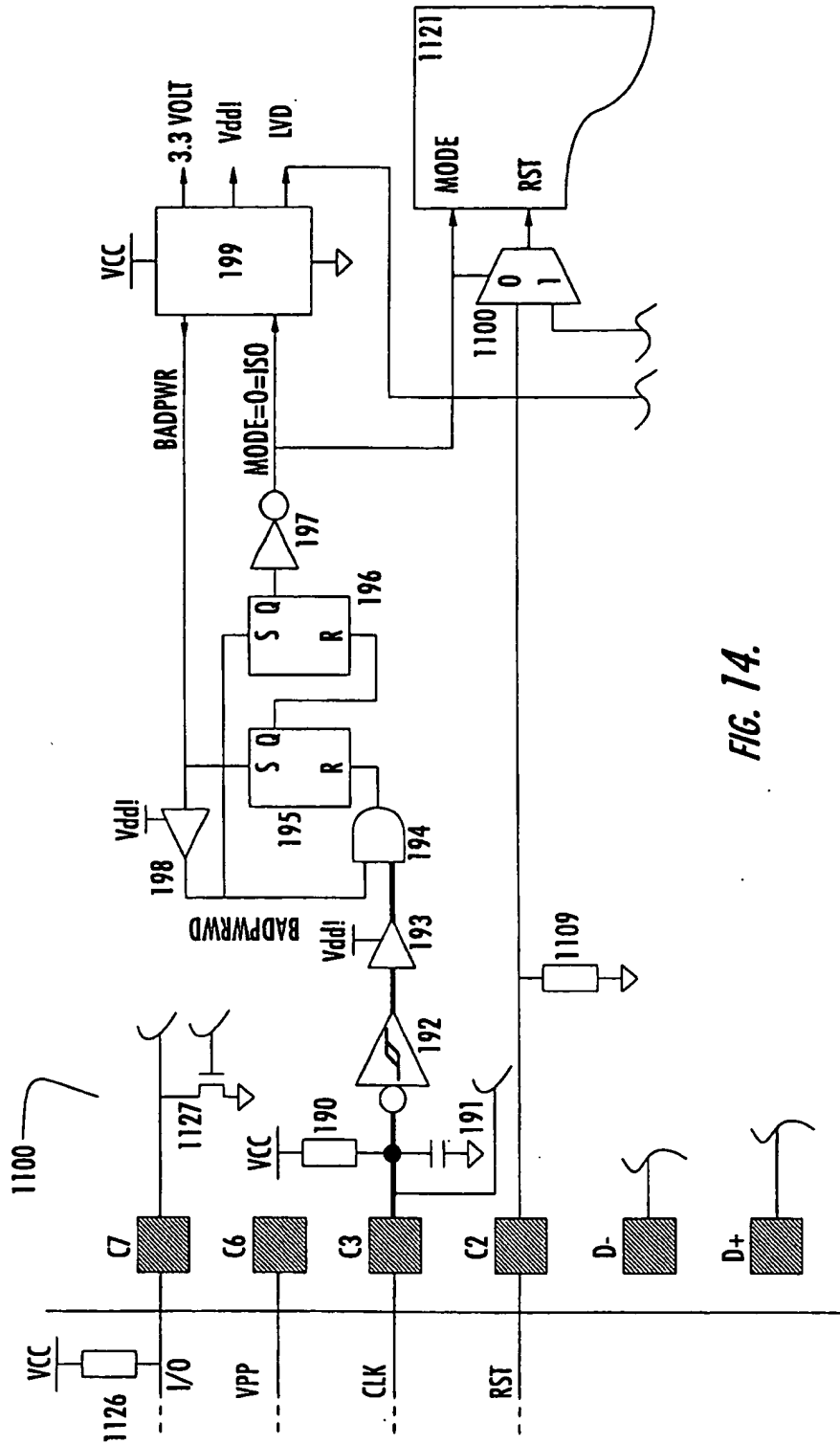


FIG. 14.

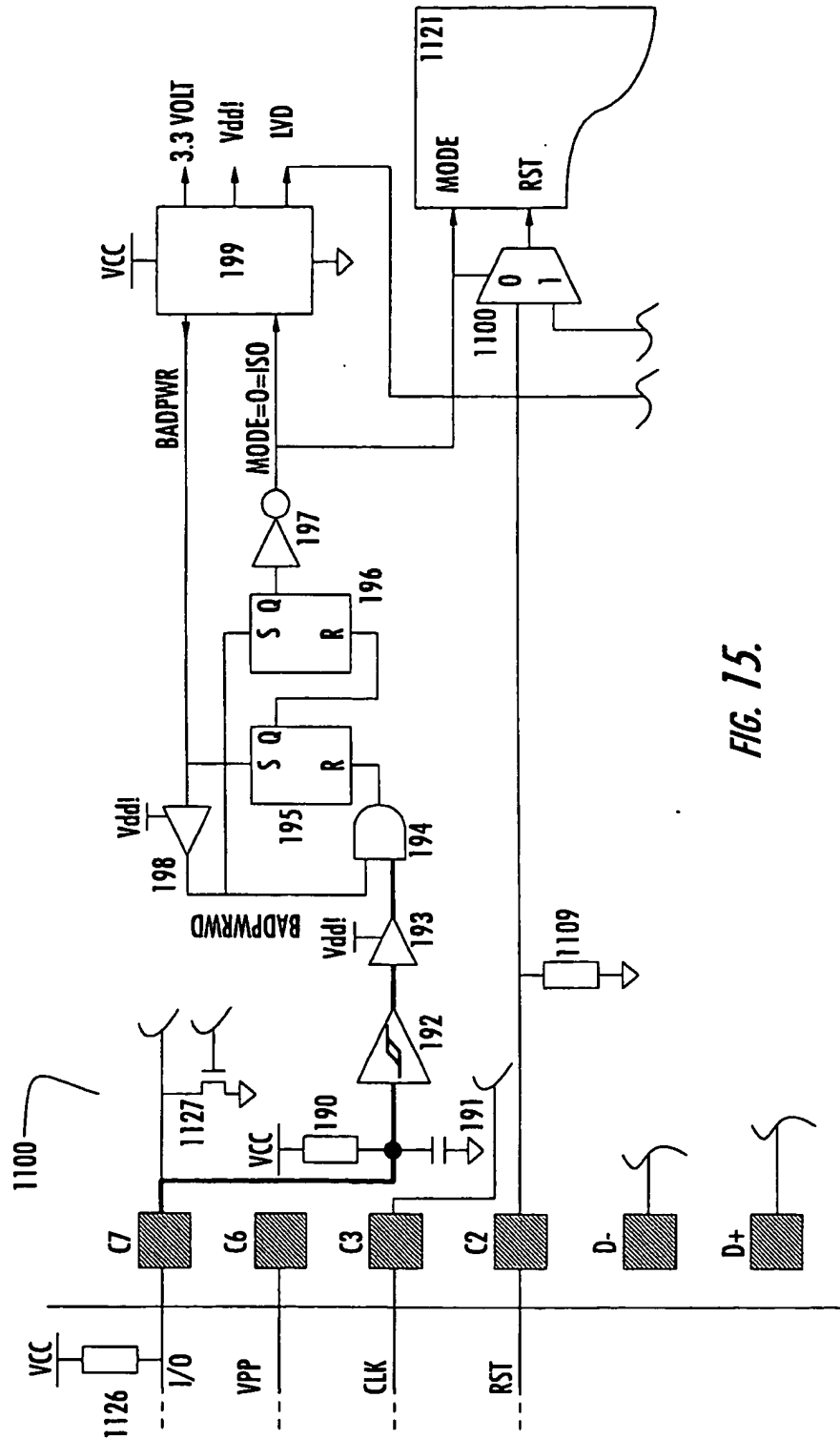
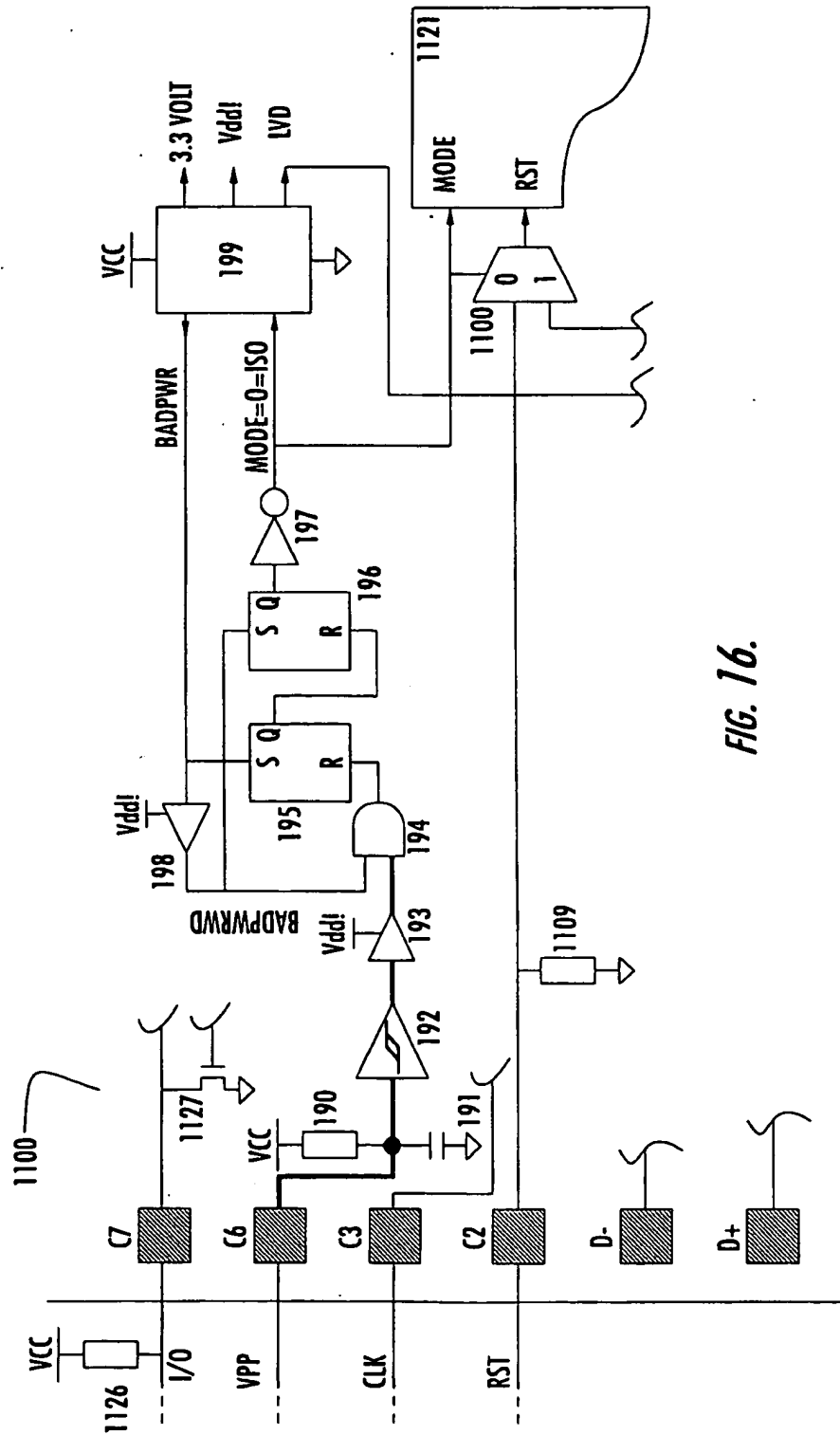


FIG. 15.



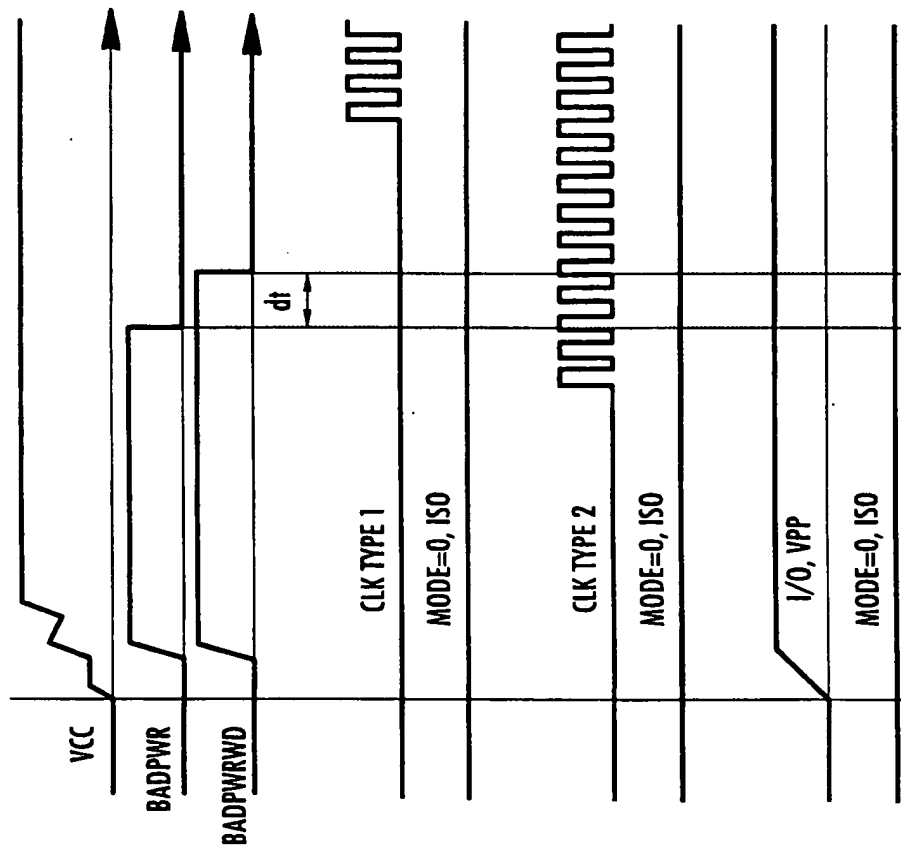


FIG. 17.



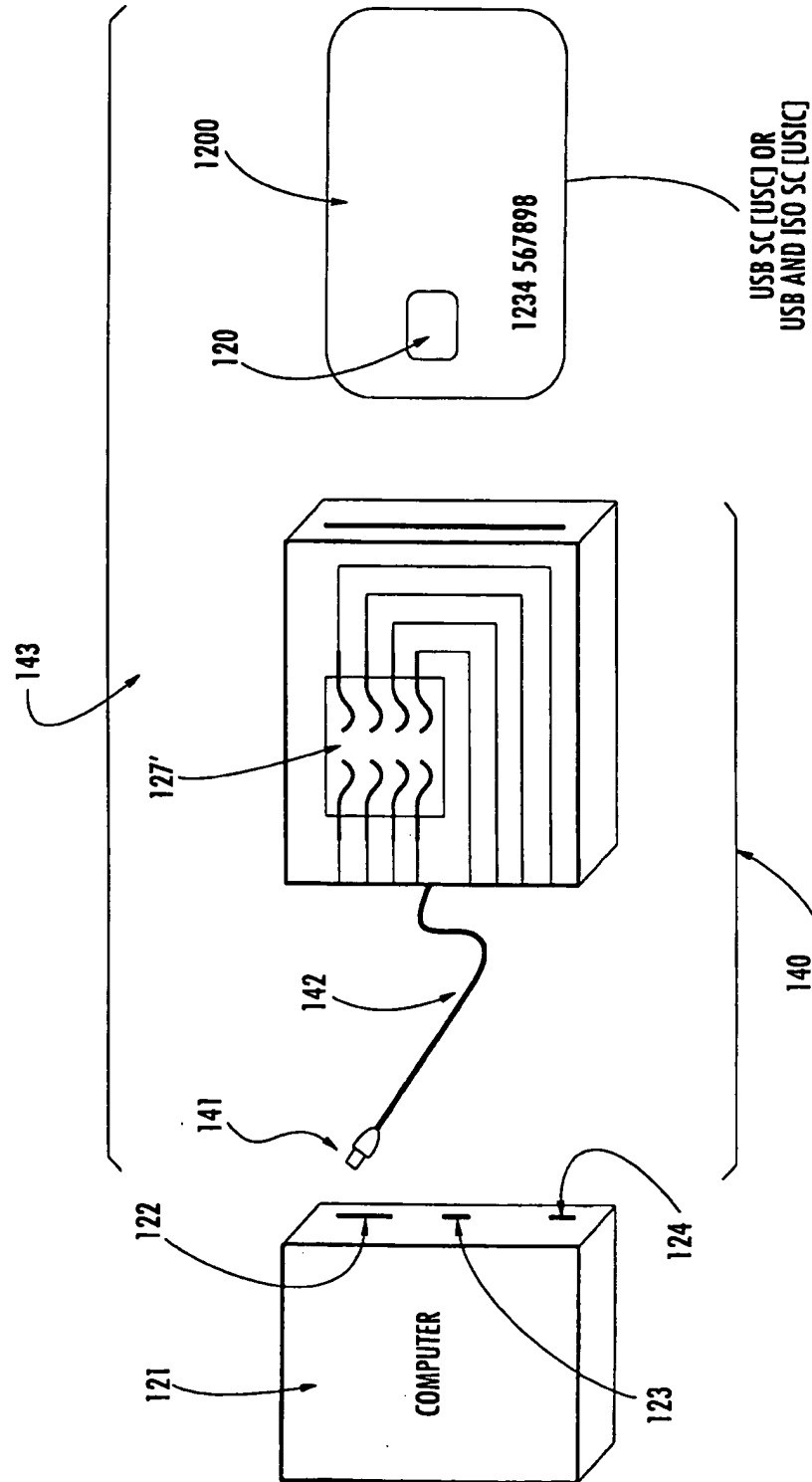


FIG. 18.

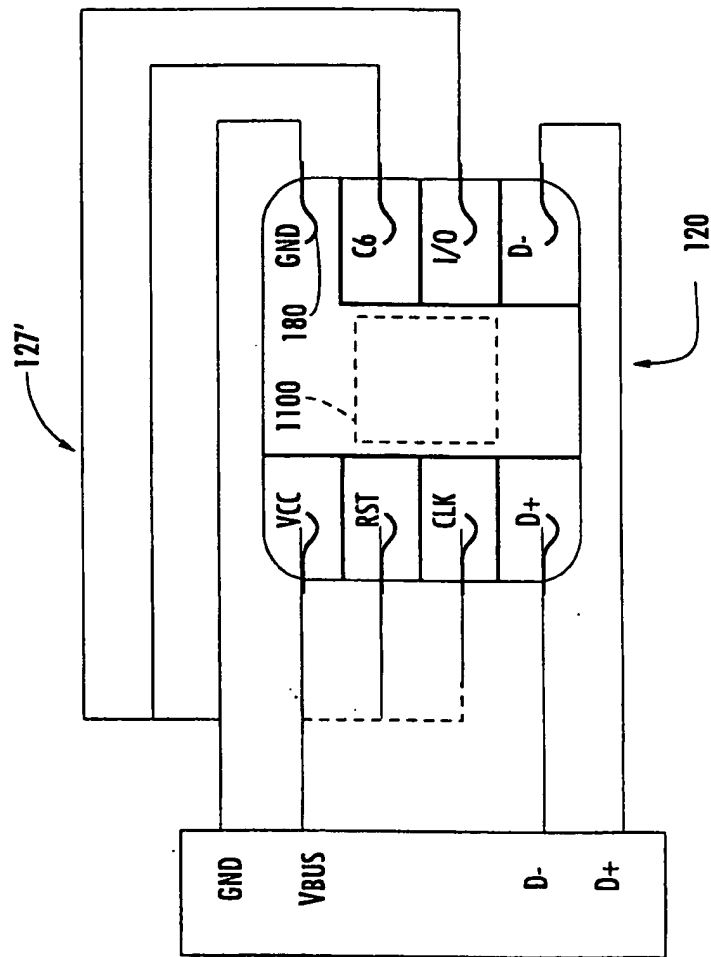
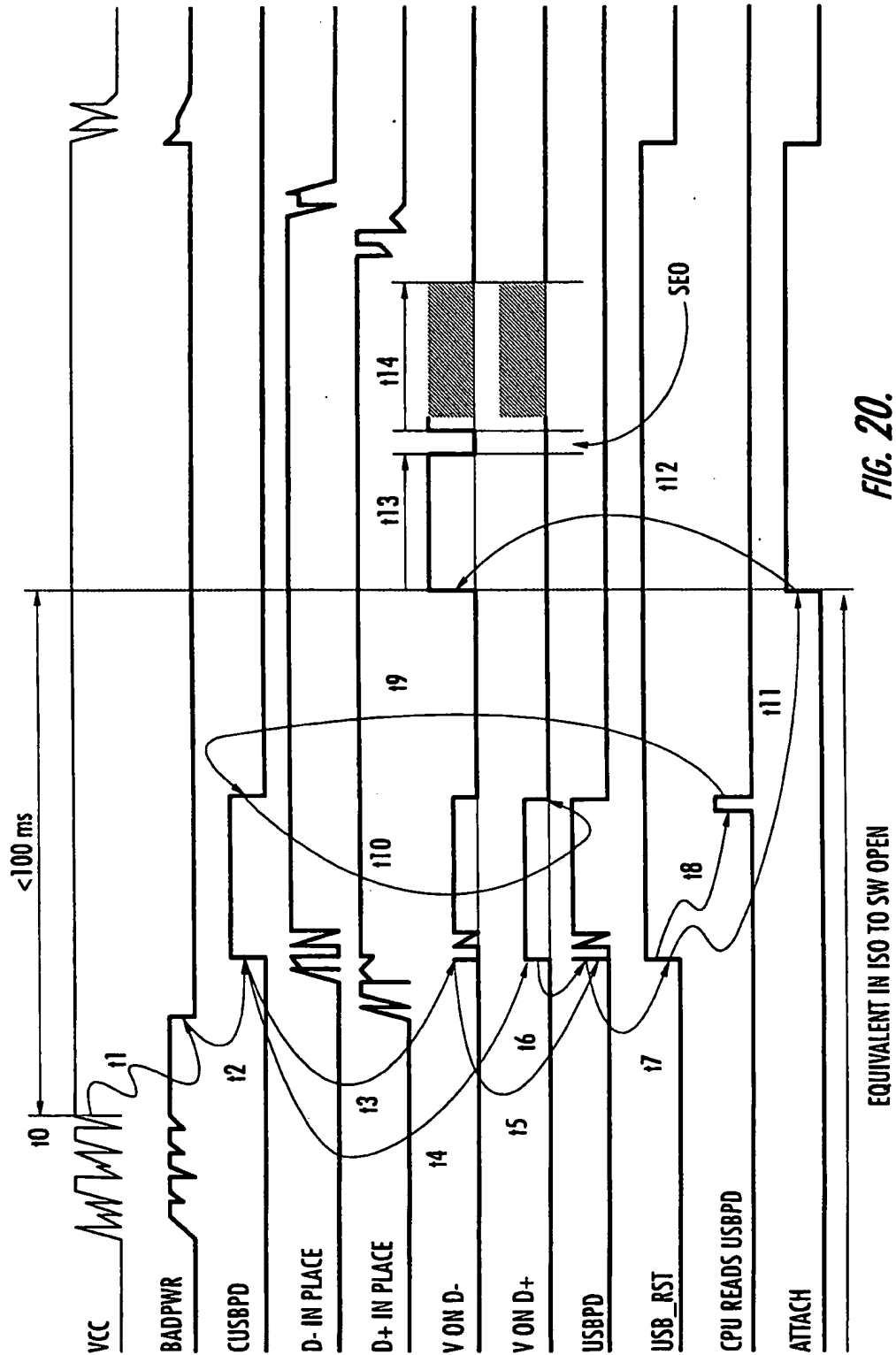


FIG. 19.



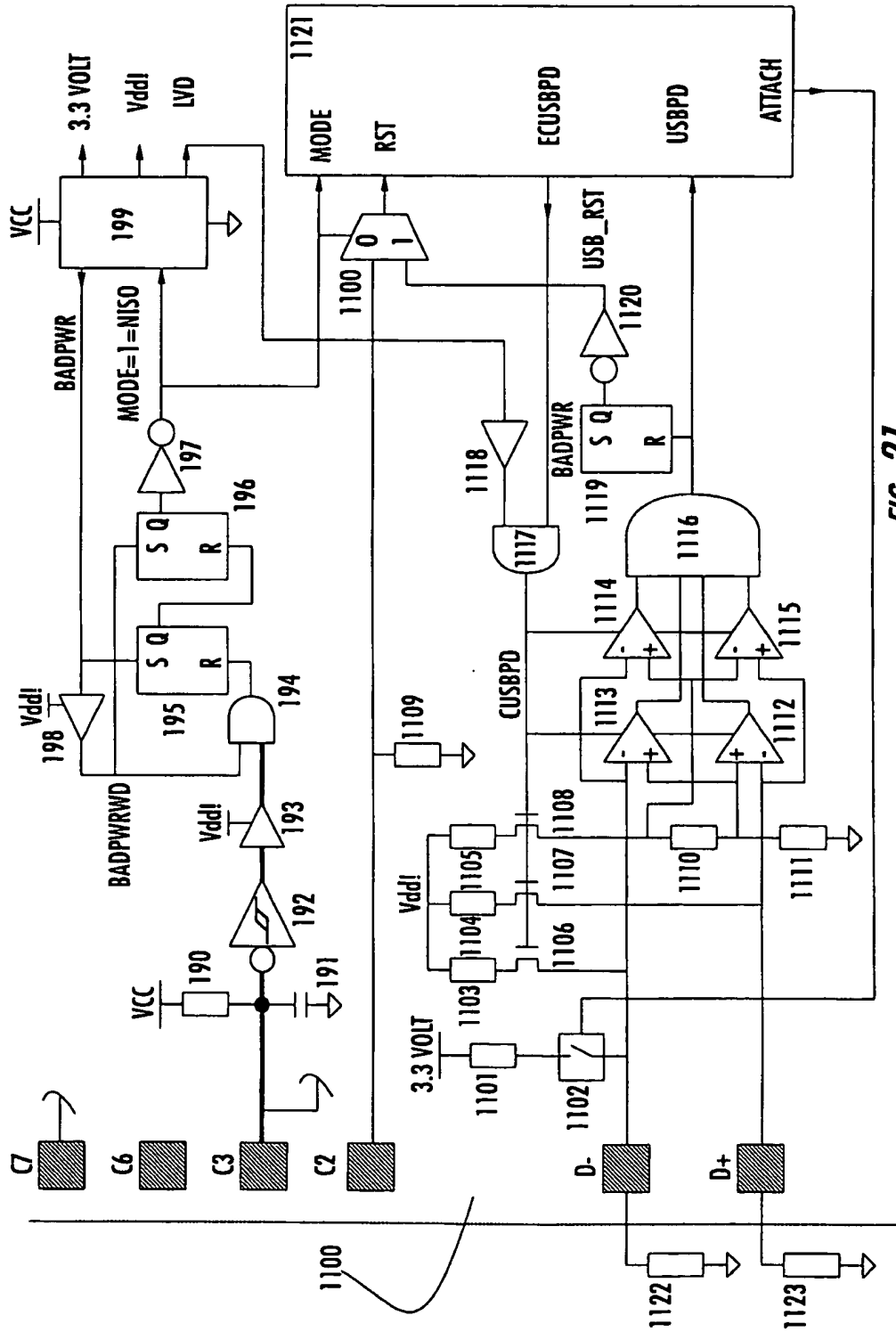


FIG. 21.

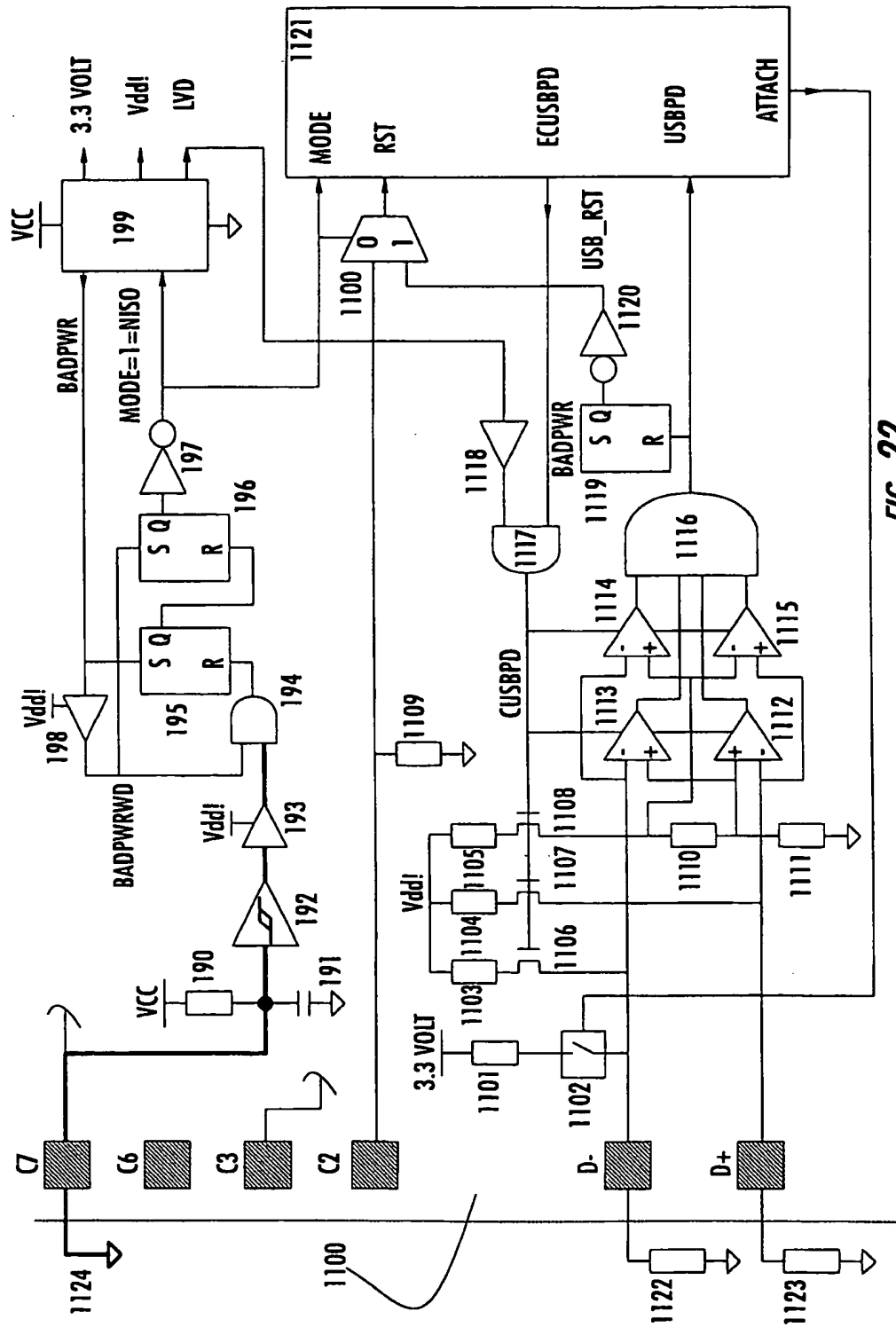


FIG. 22.



**FIG. 23.**

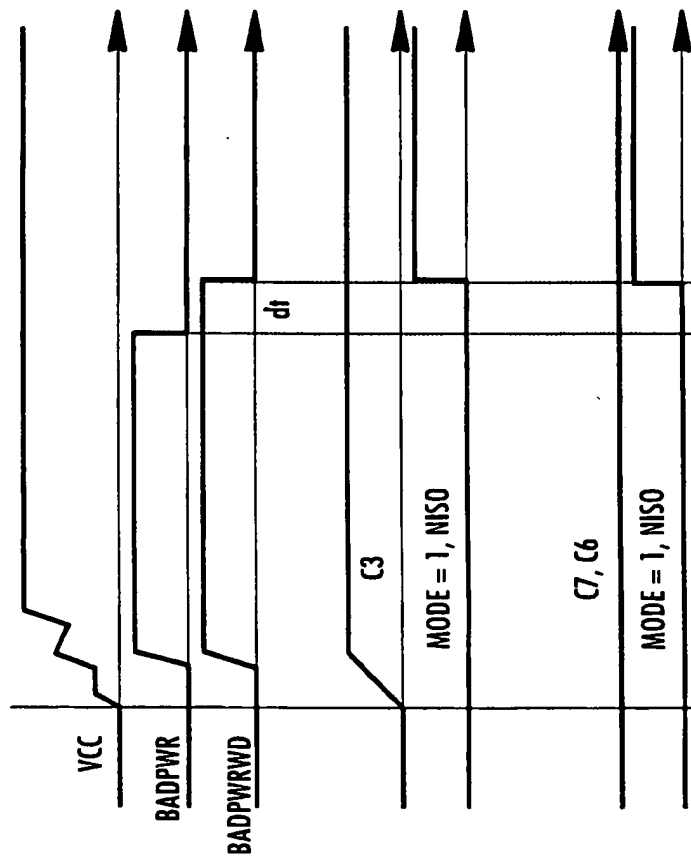


FIG. 24.

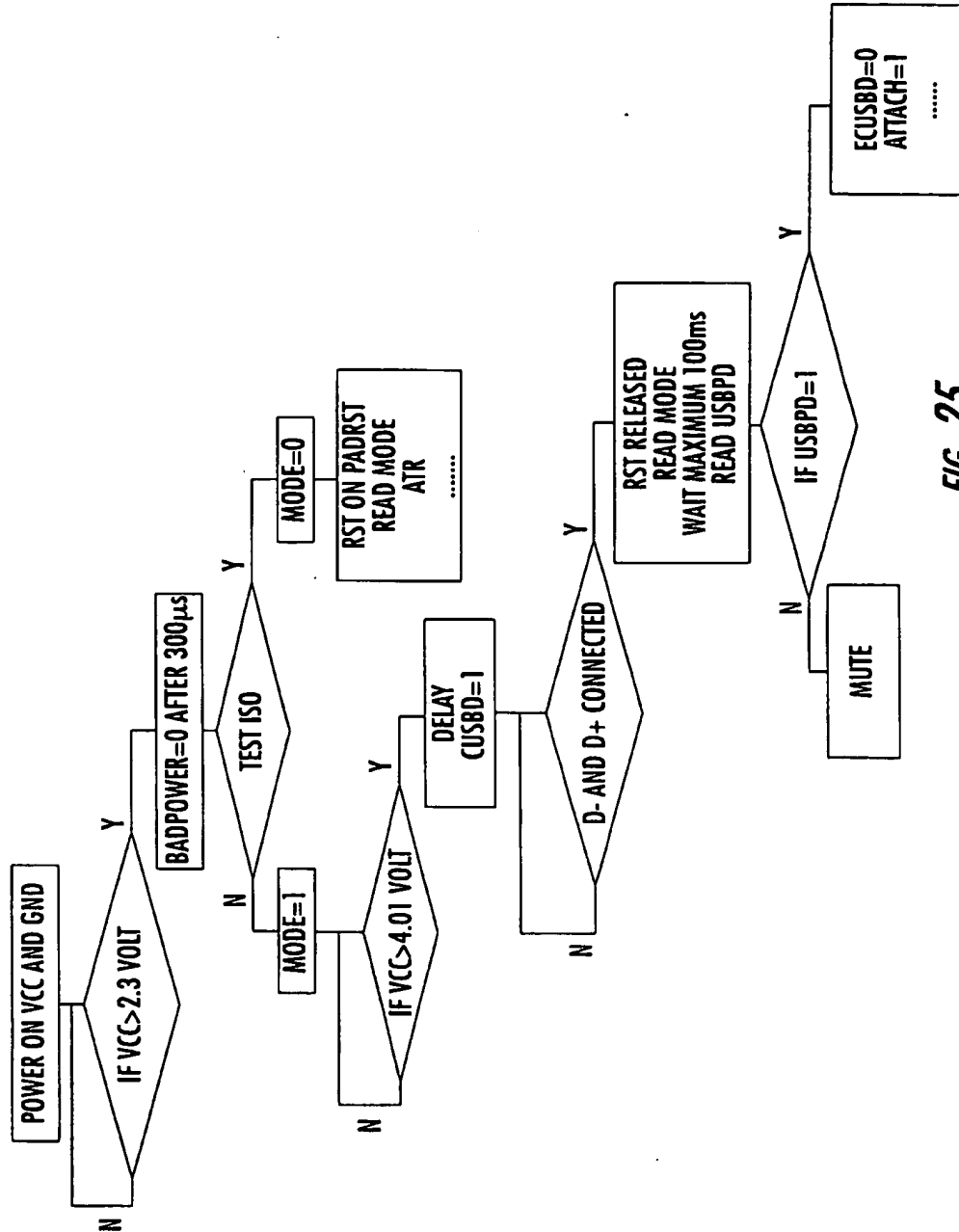


FIG. 25.



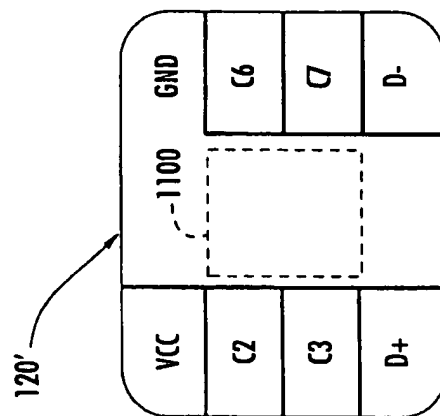


FIG. 26.

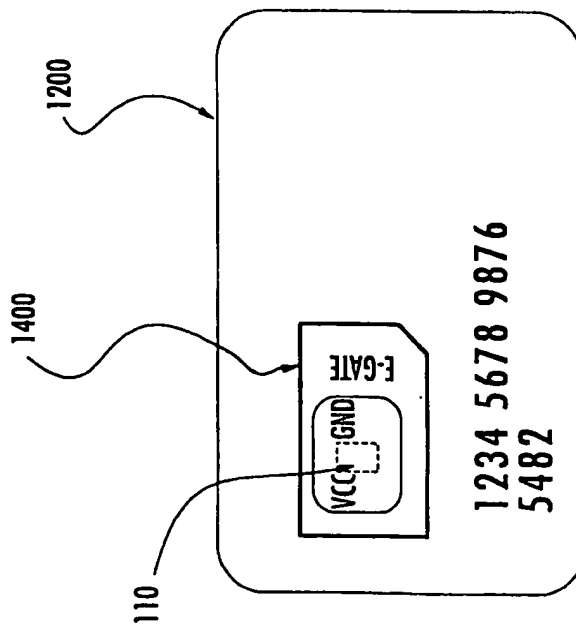


FIG. 27.

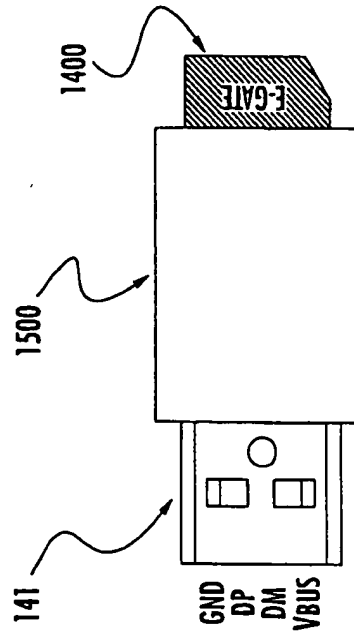


FIG. 28.